

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

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Reviewed by: Linda Martin, DAQ

GENERAL INFORMATION:

| | |
|----------------------------|------------------------------------|
| Name: | Progress Metal Reclamation Company |
| Address: | P. O. Box 1179, Ashland, KY 41105 |
| Date application received: | August 30, 2007 |
| SIC/Source description: | 5093 Metal Reclamation facility |
| Source I.D. #: | 021-019-00003 |
| Source A.I. #: | 346 |
| Activity #: | APE20070001 |
| Permit number: | F-06-013 Rev1 |

APPLICATION TYPE/PERMIT ACTIVITY:

| | |
|---|---|
| <input type="checkbox"/> Initial issuance | <input type="checkbox"/> General permit |
| <input checked="" type="checkbox"/> Permit modification | <input checked="" type="checkbox"/> Conditional major |
| __Administrative | <input type="checkbox"/> Title V |
| x_Minor | <input type="checkbox"/> Synthetic minor |
| __Significant | <input checked="" type="checkbox"/> Operating |
| <input type="checkbox"/> Permit renewal | <input type="checkbox"/> Construction/operating |

COMPLIANCE SUMMARY:

| | |
|---|---|
| <input type="checkbox"/> Source is out of compliance | <input type="checkbox"/> Compliance schedule included |
| <input checked="" type="checkbox"/> Compliance certification signed | |

APPLICABLE REQUIREMENTS LIST:

| | | |
|--|----------------------------------|---|
| <input type="checkbox"/> NSR | <input type="checkbox"/> NSPS | <input checked="" type="checkbox"/> SIP |
| <input type="checkbox"/> PSD | <input type="checkbox"/> NESHAPS | <input type="checkbox"/> Other |
| <input type="checkbox"/> Netted out of PSD/NSR | <input type="checkbox"/> | |

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

| Pollutant | Actual Emissions (tpy) | Potential Emissions (tpy) |
|-----------------|---------------------------|------------------------------|
| CO | 0.736 | 0.736 |
| NO _x | 0.876 | 0.876 |
| PM | 90.0 | 90.0 |
| SO ₂ | 0.005 | 0.005 |
| VOC | 0.438 | 0.438 |
| HAPs | NA | NA |

SOURCE PROCESS DESCRIPTION:

Progress Metal Reclamation Company (PMR) in Ashland, KY is classified as a scrap wholesaler primarily engaged in automotive scrap processing. The facility currently consists of one electric shredder and a cyclone. The facility has the potential to be a major source of particulate emissions without taking limits. The permittee is currently operating under a Conditional Major permit limiting processing rates to ensure that particulate emissions are less than 90 ton/year.

On August 30, 2004, the Division received an application requesting authorization to construct a new electric shredder. The permittee has dismantled the old shredder and scraped it. In the permit renewal application the permittee has requested this unit to be deleted from the permit. Also, the Pig Machine, an emission source previously permitted, has been dismantled and removed from service. It has been deleted from the renewal permit per permittee's request.

EMISSION AND OPERATING CAPS DESCRIPTION:

Source-wide emission limit is 90 tons per year particulate matter emissions.

MINOR REVISION 1 - F-06-013 REV 1

On October 9, 2007, Progress Rail Services Corporation submitted an application for a modification of the scrap shredder at the Ashland, Kentucky facility. The existing 4000 Hp motor shredder will be replaced the with a new 6000 Hp motor. With this power increase, the shredder will have the capacity of 200 tons per hour, the permit does, however, contain an emissions cap of 90 tons per twelve (12) month period to stay below the major source threshold.

Corrections were made relating to Emission Limitation-Compliance Demonstration, Description, and Specific Control Equipment Operating Conditions.